

Figure 1

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Figure 4A

N-terminal sequences of PDE1A splice variants

PDE1A3_ 1 MGSSATEIEELENTTFKYL TGEQTEKMWQRLKGILRCLVKQLERGDVNVVDLKKNIEYAA (SEQ ID NO:6)

PDE1A5_ 1 MDDHVTIRKKHLQRP IFR LRCLVKQLERGDVNVVDLKKNIEYAA (SEQ ID NO:7)

Figure 4B

N-terminal sequences of PDE1B splice variants

PDE1B1_ 1 MELSPRSPPEMLEESDCPSPLELKSAPSKKMWIKLRSLRLRYMVKQLENGEINIEELKKNL (SEQ ID NO:8)

PDE1B2_ 1 MANPVPVQRSHLQGPILRLRYMVKQLENGEINIEELKKNL (SEQ ID NO:9)

Figure 4C

Comparison of the CaM binding domains of the PDE1A1 and PDE1B2 splice variants

PDE1A1 1 MDDHVTIRKKHLQRP IFR LRCLVKQLEKGDVNVIDLKKN (SEQ ID NO:10)

PDE1B2 1 MANPVPVQRSHLQGPILRLRYMVKQLENGEINIEELKKN (SEQ ID NO:11)

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Figure 4D

Comparison of the CaM binding domains of the PDE1A2 and PDE1B1 splice variants.

PDE1A2 1 MGSTATETEELNTTFKYLIGEQTEKMWQRLKGILRCLVKQLEKGDVNVIDLKKNIE (SEQ ID NO:12)

PDE1B1 1 MELSPRSPPEMLEESDCPSPLELKSAPSKKMWIKLRSLRLRYMVKQLENGEVNIEELKKNLE (SEQ ID NO:13)

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